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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	MAR 31	IFICDB, IFIPAT, and IFIUIDB enhanced with new custom IPC display formats
NEWS	3	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	4	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	5	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	6	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	7	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	8	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	9	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	10	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	11	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	12	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	13	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	14	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	15	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	16	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	17	JUN 25	CA/CAPplus and USPAT databases updated with IPC reclassification data
NEWS	18	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	19	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	20	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	21	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	22	JUL 28	CA/CAPplus patent coverage enhanced
NEWS	23	JUL 28	EPFULL enhanced with additional legal status information from the epoline Register
NEWS	24	JUL 28	IFICDB, IFIPAT, and IFIUIDB reloaded with enhancements
NEWS	25	JUL 28	STN Viewer performance improved
NEWS	26	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	27	AUG 13	CA/CAPplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	28	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	29	AUG 15	CAPplus currency for Korean patents enhanced

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,

AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS      STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8       For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:17:09 ON 18 AUG 2008

=> file registry  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:17:24 ON 18 AUG 2008  
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STRUCTURE FILE UPDATES: 17 AUG 2008 HIGHEST RN 1041629-70-2  
DICTIONARY FILE UPDATES: 17 AUG 2008 HIGHEST RN 1041629-70-2

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

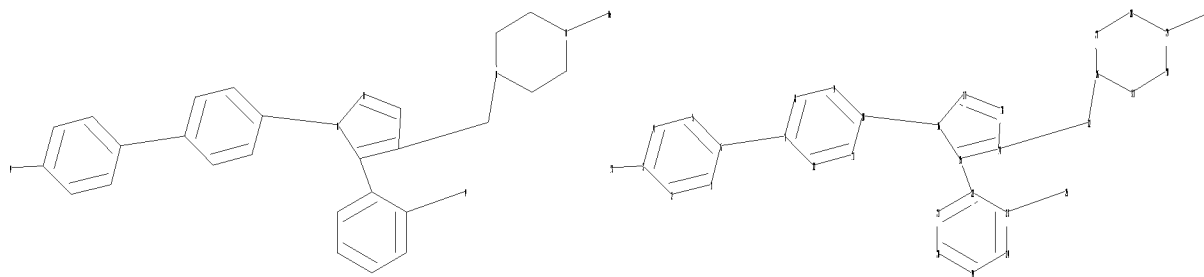
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\10552065.str



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13 25 32 33
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 21 22 23 24
26 27 28 29 30 31
chain bonds :
3-13 6-7 10-16 14-32 15-22 23-25 26-32 29-33
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 14-15 14-18
15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 26-27 26-31 27-28
28-29 29-30 30-31
exact/norm bonds :
10-16 14-15 14-18 15-16 16-17 17-18 26-27 26-31 26-32 27-28 28-29 29-30
30-31
exact bonds :
3-13 6-7 14-32 15-22 23-25 29-33
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 19-20 19-24
20-21 21-22 22-23 23-24

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:CLASS 26:Atom 27:Atom 28:Atom
29:Atom 30:Atom 31:Atom 32:CLASS 33:CLASS

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L1 STRUCTURE UPLOADED

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FULL SEARCH INITIATED 11:17:45 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 89 TO ITERATE

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100.0% PROCESSED      89 ITERATIONS      1 ANSWERS
SEARCH TIME: 00.00.01

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L2 1 SEA FAM FUL L1

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
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FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 11:17:51 ON 18 AUG 2008  
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FILE COVERS 1907 - 18 Aug 2008 VOL 149 ISS 8  
FILE LAST UPDATED: 17 Aug 2008 (20080817/ED)

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=> s l2  
L3 1 L2

=> d l3 ibib abs

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:841775 CAPLUS  
DOCUMENT NUMBER: 141:350163  
TITLE: Preparation of arylpyrazoles as serotonin 5-HT2A and 5-HT2C receptor antagonists  
INVENTOR(S): Schiemann, Kai; Ackermann, Karl-August; Arlt, Michael; Finsinger, Dirk; Schadt, Oliver; Van Amsterdam, Christoph; Bartoszyk, Gerd; Seyfried, Christoph  
PATENT ASSIGNEE(S): Merck Patent GmbH, Germany  
SOURCE: Ger. Offen., 102 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 10315572	A1	20041014	DE 2003-10315572	20030405
AU 2004228120	A1	20041021	AU 2004-228120	20040308
CA 2521201	A1	20041021	CA 2004-2521201	20040308
WO 2004089931	A1	20041021	WO 2004-EP2353	20040308
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GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
 BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,  
 SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,  
 TD, TG

EP 1626967 A1 20060222 EP 2004-718277 20040308  
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 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK  
 BR 2004009164 A 20060411 BR 2004-9164 20040308  
 CN 1768051 A 20060503 CN 2004-80008572 20040308  
 JP 2006522035 T 20060928 JP 2006-504584 20040308  
 US 20060264419 A1 20061123 US 2005-552065 20051005  
 PRIORITY APPLN. INFO.: DE 2003-10315572 A 20030405  
 WO 2004-EP2353 W 20040308  
 OTHER SOURCE(S): MARPAT 141:350163  
 GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Preparation of title compds. I [X = CH, N; R1 = H, halo, (CH2)nHet, etc.; R2 = (CH2)nHet, (CH2)nAr, cycloalkyl, etc.; R3, R4 = H, (CH2)nCOHet, CHO, etc.; n = 0-5; Ar = (un)substituted Ph; Het = (un)substituted monoarom., bicyclic-heterocycle] and their pharmaceutically acceptable salts were prepared For example, sodium triacetoxyborohydride mediated reductive amination of 1-methyl-piperazine and aldehyde II, e.g., prepared from 2-fluoro- $\alpha,\gamma$ -dioxo-benzenebutanoic Et ester in 4-steps, afforded the dihydrochloride salt of arylpyrazole III. In 5-HT2A receptor binding assays, 167-examples of compds. I exhibited IC50 values ranging from 0.015-4.7x10<sup>-7</sup>M. Compds. I are claimed suitable as ligands of 5-HT receptors.

=> file registry  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
3.39	73.71

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-0.80	-0.80

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 DICTIONARY FILE UPDATES: 17 AUG 2008 HIGHEST RN 1041629-70-2

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> s l1 sss ful

FULL SEARCH INITIATED 11:18:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 163 TO ITERATE

100.0% PROCESSED 163 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L4 4 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

178.36

252.07

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-0.80

FILE 'CAPLUS' ENTERED AT 11:18:39 ON 18 AUG 2008

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FILE COVERS 1907 - 18 Aug 2008 VOL 149 ISS 8

FILE LAST UPDATED: 17 Aug 2008 (20080817/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s l4

L5 2 L4

=> d l5 ibib abs 1-2

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2004:841775 CAPLUS  
 DOCUMENT NUMBER: 141:350163  
 TITLE: Preparation of arylpyrazoles as serotonin 5-HT<sub>2A</sub> and 5-HT<sub>2C</sub> receptor antagonists  
 INVENTOR(S): Schiemann, Kai; Ackermann, Karl-August; Arlt, Michael; Finsinger, Dirk; Schadt, Oliver; Van Amsterdam, Christoph; Bartoszyk, Gerd; Seyfried, Christoph  
 PATENT ASSIGNEE(S): Merck Patent GmbH, Germany  
 SOURCE: Ger. Offen., 102 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10315572	A1	20041014	DE 2003-10315572	20030405
AU 2004228120	A1	20041021	AU 2004-228120	20040308
CA 2521201	A1	20041021	CA 2004-2521201	20040308
WO 2004089931	A1	20041021	WO 2004-EP2353	20040308
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BR 2004009164	A	20060411	BR 2004-9164	20040308
CN 1768051	A	20060503	CN 2004-80008572	20040308
JP 2006522035	T	20060928	JP 2006-504584	20040308
US 20060264419	A1	20061123	US 2005-552065	20051005
PRIORITY APPLN. INFO.:			DE 2003-10315572	A 20030405
			WO 2004-EP2353	W 20040308
OTHER SOURCE(S):			MARPAT 141:350163	
GI				

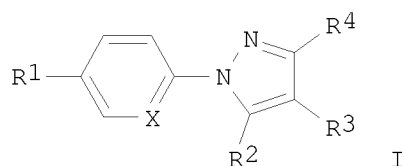
\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Preparation of title compds. I [X = CH, N; R<sub>1</sub> = H, halo, (CH<sub>2</sub>)<sub>n</sub>Het, etc.; R<sub>2</sub> = (CH<sub>2</sub>)<sub>n</sub>Het, (CH<sub>2</sub>)<sub>n</sub>Ar, cycloalkyl, etc.; R<sub>3</sub>, R<sub>4</sub> = H, (CH<sub>2</sub>)<sub>n</sub>COHet, CHO, etc.; n = 0-5; Ar = (un)substituted Ph; Het = (un)substituted monoarom., bicyclic-heterocycle] and their pharmaceutically acceptable salts were prepared. For example, sodium triacetoxyborohydride mediated reductive amination of 1-methyl-piperazine and aldehyde II, e.g., prepared from 2-fluoro- $\alpha,\gamma$ -dioxo-benzenebutanoic Et ester in 4-steps, afforded the dihydrochloride salt of arylpyrazole III. In 5-HT<sub>2A</sub> receptor binding assays, 167-examples of compds. I exhibited IC<sub>50</sub> values ranging from 0.015-4.7x10<sup>-7</sup>M. Compds. I are claimed suitable as ligands of 5-HT receptors.

ACCESSION NUMBER: 2004:841772 CAPLUS  
 DOCUMENT NUMBER: 141:332186  
 TITLE: Preparation of arylpyrazoles as serotonin 5-HT<sub>2A</sub> and/or 5-HT<sub>2C</sub> receptor antagonists.  
 INVENTOR(S): Schadt, Oliver; Arlt, Michael; Finsinger, Dirk; Schiemann, Kai; Van Amsterdam, Christoph; Bartoszyk, Gerd; Seyfried, Christoph  
 PATENT ASSIGNEE(S): Merck Patent GmbH, Germany  
 SOURCE: Ger. Offen., 78 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10315569	A1	20041014	DE 2003-10315569	20030405
AU 2004228124	A1	20041021	AU 2004-228124	20040310
CA 2521227	A1	20041021	CA 2004-2521227	20040310
WO 2004089932	A1	20041021	WO 2004-EP2453	20040310
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1611122	A1	20060104	EP 2004-718926	20040310
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AT 364601	T	20070715	AT 2004-718926	20040310
ES 2287710	T3	20071216	ES 2004-718926	20040310
US 20070010531	A1	20070111	US 2005-552064	20051005
PRIORITY APPLN. INFO.:			DE 2003-10315569	A 20030405
			WO 2004-EP2453	W 20040310

OTHER SOURCE(S): MARPAT 141:332186  
 GI



AB Title compds. [I; R<sub>1</sub> = H, A, halo, (CH<sub>2</sub>)<sub>n</sub>Ar, cycloalkyl, CF<sub>3</sub>, NO<sub>2</sub>, cyano, C(NH)NOH, OCF<sub>3</sub>; R<sub>2</sub> = (CH<sub>2</sub>)<sub>n</sub>Het, (CH<sub>2</sub>)<sub>n</sub>Ar, cycloalkyl, CF<sub>3</sub>; R<sub>3</sub>, R<sub>4</sub> = H, (CH<sub>2</sub>)<sub>n</sub>CO<sub>2</sub>R<sub>5</sub>, (CH<sub>2</sub>)<sub>n</sub>COHet, CHO, (CH<sub>2</sub>)<sub>n</sub>OR<sub>5</sub>, (CH<sub>2</sub>)<sub>n</sub>Het, CH:NOA, etc.; R<sub>5</sub> = H, A; A = alkyl, alkoxy, alkenyl, alkoxyalkyl; Ar = (substituted) Ph; Het = (aromatic) mono- or bicyclic heterocyclyl, heteroatom-containing organic residue; X



= N, CH; with provisos], were prepared Thus, [1-(4'-fluorobiphen-4-yl)-5-furan-2-yl-1H-pyrazol-4-ylmethyl]methyl(1-methylpyrrolidin-3-yl)amine showed 5-HT<sub>2A</sub> activity with IC<sub>50</sub> = 5.14E-10.

=>